Model 788
Bolt Action Rifle
Owner's Manual

Remington®

MODEL 788

BOLT ACTION HIGH POWER RIFLE

THE REMINGTON MODEL 788 is a high power rifle with an extremely strong action. The full length stock has a form fitting pistol grip. The receiver is fitted with removable plug screws for receiver sights and telescope mounts. The bolt can be removed easily for take-down.

TO PUT BOLT IN RIFLE – Your model 788 is shipped from the factory with bolt removed from rifle. Place bolt into receiver with bolt handle in 2 o'clock position. Push bolt forward into rifle.

TO COCK BOLT – Bolt must remain cocked to put into rifle. If bolt "uncocks", firing pin head will snap forward into cocking cam in rear of bolt. **To cock bolt,** hold firing pin head **(Fig. 2)** firmly to prevent movement. Use vise jaws if available. Raise bolt handle. Bolt will cam cocking surface (beneath handle) against firing pin head. Continue raising handle until cocking detent on rear of bolt engages firing pin head. Bolt is then cocked and ready for re-entry to rifle.

TO REMOVE BOLT – Raise bolt handle to unlock bolt and pull bolt rearward to bolt stop. Rotate and hold safety forward and withdraw bolt from rifle.

CAUTION: While handling, carrying, loading or unloading rifle, make sure that muzzle is pointed in a safe direction.

SAFETY (Fig. 1) – Close bolt and push safety to rear stop position, marked "S" on receiver. Trigger cannot be pulled to fire rifle.

FIRE – Push safety to front stop position marked "F" on receiver. Trigger can be pulled to fire rifle.

CAUTION: Before firing make sure barrel is clear-free of heavy oil, grease or any obstruction.

TO SINGLE LOAD – Place safety On Safe. Raise bolt handle to unlock bolt. Pull bolt handle back to open action. Load cartridge directly into chamber. Close bolt and lower bolt handle to lock action closed. Rifle is now ready to fire.

TO UNLOAD CHAMBER – Place safety On Safe. Pull bolt rearward carefully until bullet tip clears chamber. Lift cartridge from rifle.

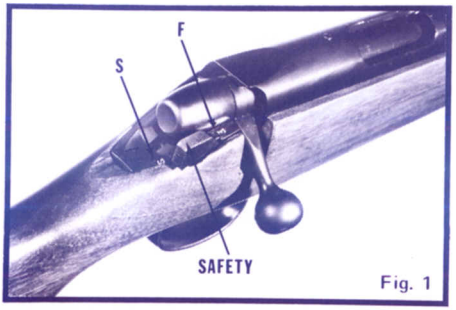

Fig. 1

CAUTION: Open action and check chamber in breech of barrel to make sure no round remains in rifle.

TO MAGAZINE LOAD – Grasp front and rear of magazine between thumb and fore-finger. Press magazine release and pull magazine from rifle. Load cartridges into magazine. Magazine capacity for all calibers other than 223 Rem. is three (3) cartridges. When fully loaded, 223 Rem. magazine will hold four (4) cartridges. To replace magazine, press magazine evenly into rifle until it clicks into position.

TO UNLOAD MAGAZINE – Place safety On Safe. Lift bolt handle, pull bolt rearward and remove cartridge from chamber. Leave bolt in open (rear) position and remove magazine from rifle. Carefully slide cartridges forward and out of magazine.

SIGHT ADJUSTMENT – Factory sights on Remington high power rifles are targeted at 100 yards and carefully adjusted at factory for average shooters. If your rifle does not appear to shoot accurately it does not necessarily mean that sights are improperly aligned. Individual differences in eyesight or method of shooting may require sight realignment. Before attempting to re-align sights it should be realized that the greater the group size the more difficult it becomes to determine where rifle is shooting (center of impact). A consistent method of holding rifle, aiming and squeezing trigger will aid in obtaining a small group size. Different sight settings are required for each cartridge type, bullet type and weight, barrel length, each range and wind condition and, most likely, each individual shooter. To test rifle for accuracy place large target in safe area at desired range. (Before testing at a longer range it is advisable to fire a few rounds at 50 yards. At this range, bullets will generally hit somewhere on target). Shoot from a prone

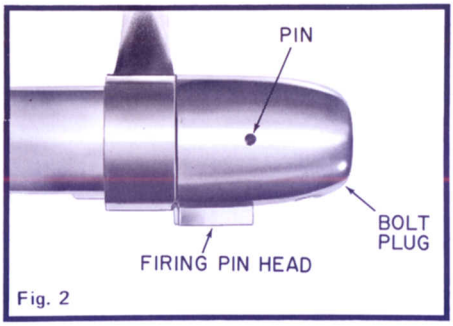

Fig. 2

or sitting position giving body and elbows solid support. Fire four or five shots per group, using ammunition with which you plan to hunt. Shoot carefully and deliberately. If groups are at desired point, sights are correctly adjusted, if not, you should adjust sights. If shots are too high, loosen elevation screw and lower rear sight. If shots are too low, rear sight should be raised. If rifle shoots left, rear sight **(Fig. 3)** should be moved right. Should rifle shoot to right, move rear sight to left. (Turn windage screw to loosen sight leaf). Always move rear sight in direction you want rifle to shoot. Information about trajectory or ballistics of your favorite load may be found in the Remington Firearms and Ammunition Catalog. A free copy may be obtained from Remington dealers or by writing to Remington Arms Co., Inc., 939 Barnum Ave., Bridgeport, Conn. 06600.

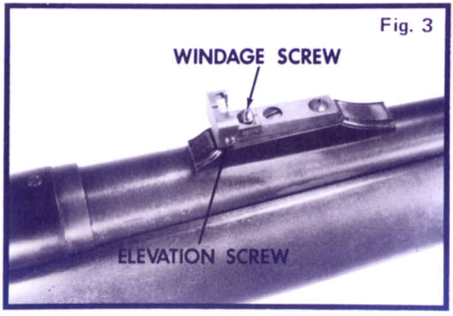

Fig. 3

CLEANING AND CARE — Caution: Before cleaning make sure rifle contains no live ammunition. To make cleaning of barrel and bolt easier, bolt should be removed from rifle. To clean barrel use lightly oiled, soft cloth and clean from breech to muzzle. Scrub barrel bore and cartridge chamber with a good bore solvent, if necessary. Wipe dry and re-oil bore and chamber very lightly. Brush face of bolt to remove shooting residue. Wipe dry and re-oil very lightly. Additional care and cleaning of bolt parts can be done, if necessary.

ACTION CARE AND DISASSEMBLY — Remove stock and bolt if necessary to clean action or replace parts. Unscrew and remove front and rear guard screws. Trigger guard may then be removed by pivoting downward until it pulls free of floor plate. Lift stock away from action and barrel. Clean bolt and action in solvent and wipe clean. Reverse procedure to reassemble.

TO DISASSEMBLE BOLT PARTS — Bolt assembly may be cleaned and oiled as a unit. Should disassembly be required, proceed as follows: With bolt cocked (handle down), insert pin (close fitting through holes in both sides of bolt plug **(Fig. 2)**. Lift handle and remove bolt from rifle. Unscrew and remove bolt plug—firing pin assembly. To reassemble, screw assembly into bolt until firing pin head contacts rear of bolt. Back off (counter-clockwise) until firing pin head snaps into detent on rear edge of bolt. Replace bolt into rifle. With handle down, remove pin from bolt plug.

LUBRICATION — Your Remington Model 788 will remain clean longer if little or no oil is used on parts of action. Lubricate cam surfaces on bolt to prevent wear. Wash action and bolt parts with a good grade of petroleum solvent, dry and re-oil very lightly. After handling, wipe barrel, receiver and all steel parts to prevent rusting. Invisible "prints" of moisture can cause rust unless removed. After using in wet weather dry and wipe steel parts with oil to prevent rusting. Abrupt changes in temperature can cause condensation and wetness. Therefore, special care is needed to interior steel parts to prevent rust. When shooting in freezing weather, remove excess oil for best results. Use dry graphite if necessary to lubricate metal parts.

MAINTENANCE — Rifle should be checked periodically by a competent gunsmith to ensure proper inspection and any necessary replacement of worn or damaged parts.

IMPORTANT — Remington firearms are designed, manufactured and proof tested to standards based on factory loaded ammunition. Improperly loaded handloads can be dangerous. Remington Arms Company, Inc. cannot assume responsibility for damages or injury caused by handloads or reloaded ammunition.

This gun has been manufactured to Remington specifications and shipped from the factory suitable for use. Remington does not recommend and is not responsible for any alteration or modification to the gun not made by Remington factory personnel, nor the replacement of worn or damaged parts with those not of Remington manufacture.

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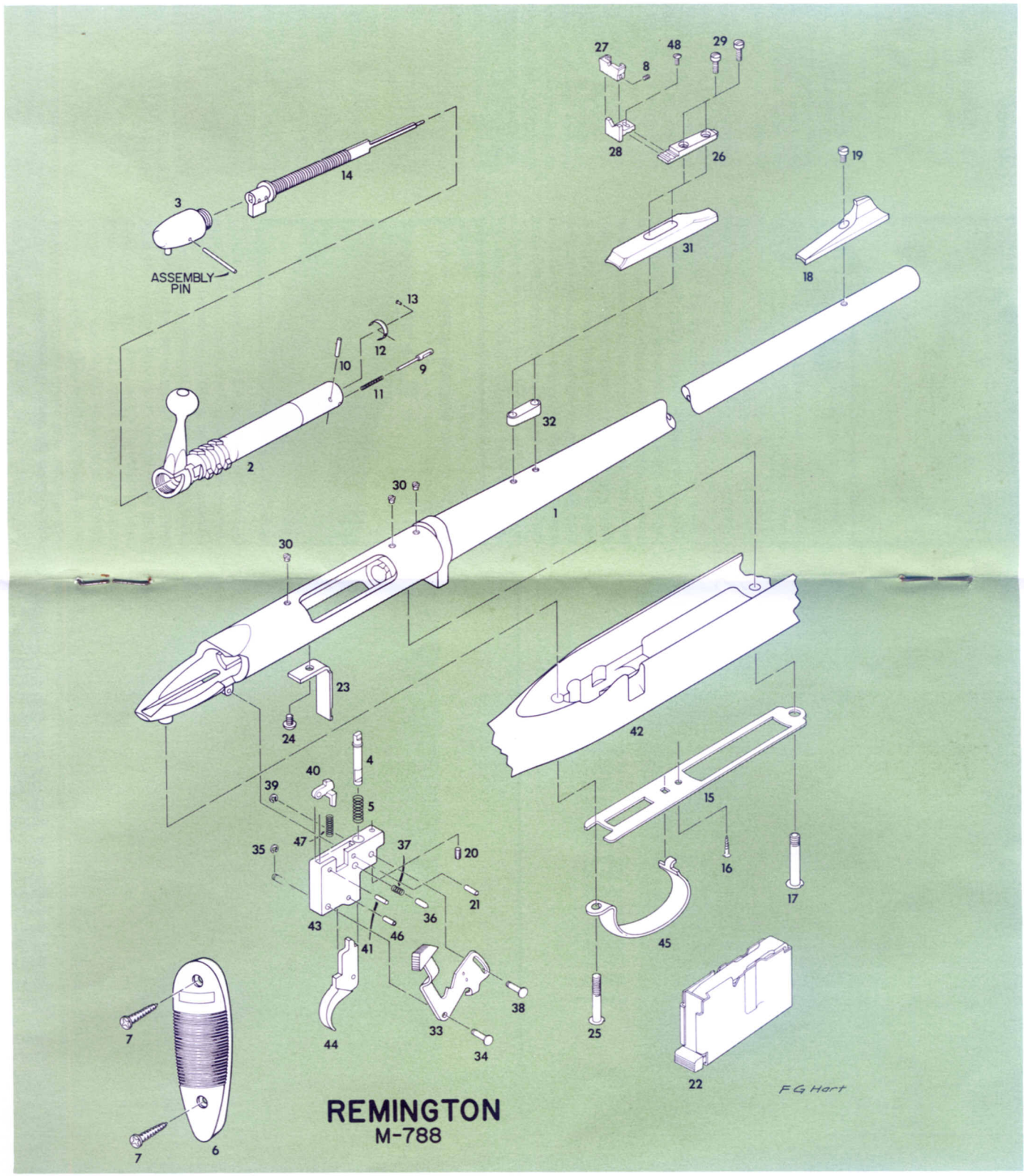
HIGH POWER RIFLE



Send all guns for factory service and inquiries on service and parts to
REMINGTON ARMS COMPANY, INC.
Arms Service Division
Ilion, New York 13357

All other inquiries are to be addressed to
REMINGTON ARMS COMPANY, INC.
Bridgeport, Connecticut 06602

BOLT ACTION HIGH POWERED RIFLE

NOTE: Prices for barrels and bolts will be quoted upon application. Factory assembly required.

SEE INSTRUCTIONS FOR ORDERING PARTS

View No.	Part No.	NAME OF PART	List Price
NOTE:		Basic 308 caliber listed below. For other caliber parts and numbers see additional calibers list.	
1		Barrel Assembly . . . . . (Restricted)	
2		Bolt Assembly . . . . . (Restricted)	
		Bolt Final Assembly . . . . . (Restricted)	
3	91336	Bolt Plug	
4	14246	Bolt Stop	
5	14024	Bolt Stop Spring	
6	14245	Butt Plate	
7	25410	Butt Plate Screw	
8	14236	Elevation Screw	
9	14211	Ejector	
10	17676	Ejector Pin	
11	14214	Ejector Spring	
12	14669	Extractor	
13	27340	Extractor Rivet	
14	34351	Firing Pin Assembly	
15	29314	Floor Plate	
16	14099	Floor Plate Screw	
17	14224	Front Guard Screw	
18	29400	Front Sight (also .22 /250 Rem.)	
19	29396	Front Sight Screw	
	14250	Front Sight Washer	
20	14027	Housing Lock Screw	
21	14031	Housing Pin	
22	29539	Magazine Assembly	
23	29346	Magazine Guide Bar	
24	14234	Magazine Guide Bar Screw	
25	14235	Rear Guard Screw	
	29350	Rear Sight Assembly	
26	14237	Rear Sight Base	
27	14238	Rear Sight Eyepiece	
28	15728	Rear Sight Leaf	
29	29395	Rear Sight Screw	
30	14242	Receiver Plug Screw	
31	14243	Rib (Rear Sight)	
32	14244	Rib Spacer (Rear Sight)	
33	29370	Safety Assembly	
34	14015	Safety Pivot Pin	
35	14044	Safety Pivot Pin Retaining Washer	
36	14497	Safety Detent	
37	14498	Safety Detent Spring	
38	91370	Safety Retainer Pin	
39	14044	Safety Retainer Pin Retaining Washer	
40	14503	Sear	
41	91126	Sear Pin	
42	34890	Stock Assembly	
	29365	Trigger Housing Assembly	
43	14026	Trigger Housing . . . . . (Restricted)	
44	14033	Trigger . . . . . (Restricted)	
45	14248	Trigger Guard	
46	14031	Trigger Pin	
47	14045	Trigger Spring	
48	14240	Windage Screw	

ADDITIONAL CALIBERS

NOTE : Parts not listed same as 308 caliber.

View No.	Part No.	NAME OF PART	List Price
		Barrel Assembly	
		Bolt Assembly	
		Bolt Final Assembly	
	14210	Ejector, 223 Rem.	
	15850	Extractor, 223 Rem.	
	27342	Extractor Rivet, 223 Rem..	
	34350	Firing Pin Assembly, 223 & 22/250 Rem.	
	29310	Floor Plate, 223 Rem.	
	29311	Floor Plate, 22/250 Rem.	
	29401	Front Sight, 223 Rem.	
	29535	Magazine Assembly	
	29542	Magazine Assembly, 223 Rem.	
	29536	Magazine Assembly, 22/250 Rem.	
	29540	Magazine Assembly, 243 Win..	
	29541	Magazine Assembly, 6mm Rem..	
	29345	Magazine Guide Bar, 223 Rem.	
	34891	Stock Assembly, 223 Rem.	
	34890	Stock Assembly, 22/250 Rem.	

SERVICE PARTS

		Bolt Assembly, 222/223 Rem. (old style)	
		Bolt Assembly, 22/250 Rem. (old style)	
		Bolt Assembly, 308 Win., 243 Win., 6mm Rem. (old style)	
		Bolt Final Assembly, 222/223 Rem. (old style). . .	
		Bolt Final Assembly, 22/250 Rem. (old style) . . .	
		Bolt Final Assembly, 308 Win., 243 Win., 6mm Rem. (old style).	
	14217	Bolt Plug (old style)	
	29295	Firing Pin Assembly, 222/223 & 22/250 Rem. (old style)	
	29298	Firing Pin Assembly, 308, 243 Win., 6mm Rem. (old style)	
		Bolt Assembly, LH (old style).	
		Bolt Final Assembly, LH (old style)	
	14467	Bolt Plug, LH (old style)	
	29971	Firing Pin Final Assembly, LH (old style)	

ACCESSORY

	25571	Sling Strap Assembly & Mountings, Complete. . . .	

INSTRUCTIONS FOR ORDERING PARTS

(PLEASE READ CAREFULLY)

Please give model number, part number and name. Give serial number and state caliber or gauge and choke. Identify parts from list, picture or exploded view. List interchangeable shotgun barrels on separate order form to speed shipment.

Cover only one subject in letter or order. Do not order parts and give repair instructions in same letter.

Please do not ship sample parts if they may be identified otherwise. See shipping instructions below.

Parts will be supplied for discontinued models if available. Parts cannot be supplied nor guns repaired if not listed in complete line parts list.

IMPORTANT: Do not combine Part Orders with Gun Service Orders. Please send Part Orders direct to:

REMINGTON ARMS COMPANY, INC.
PARTS DEPT.
ARMS SERVICE DIVISION
Ilion, New York 13357

INSTRUCTIONS FOR FACTORY SERVICE

(PLEASE READ CAREFULLY)

Please package carefully. Use plenty of cushioning material to prevent movement of gun or parts in package. Please do not ship gun in a gun case, or special container that must be returned. Return of gun or parts will be speeded if properly packaged in a throw—away carton. Clearly mark forwarding and return address on gun package as well as on attached letter.

Securely attach complete letter of information on outside of each package returned to factory for repairs. Please do not return gun accessories such as sling straps, quick release swivels, special boots, covers, telescopes, mounts or any special equipment to factory with gun shipment. Give full details of contents. State if complete gun or part. List model number, part number and name, serial number and caliber or gauge. Give full condition of contents — any parts missing or damaged, etc. This will enable us to accurately list needed repairs.

Do not order parts and give repair instructions in same letter. To avoid delay in starting work, please include in first order or letter the trouble to be corrected, changes desired or parts to be replaced. If an estimate is required please advise. Otherwise work will proceed and a statement of cost will be sent. This will speed service.

Unless specified otherwise, shipments will be made by way of Parcel Post on small packages, Express on larger packages. Remington gun parts are not interchangeable with those of any other make. For this reason the Remington Arms Company, Inc., cannot service any gun not of its manufacture.

Repairs will be made on discontinued models as long as supply of parts is available. However, repairs cannot be made for models which are not listed in Complete Line Parts Lists.

IMPORTANT: IT IS A FEDERAL OFFENSE TO SHIP FIREARMS AND AMMUNITION TOGETHER. BEFORE PACKAGING FIREARMS FOR RETURN TO FACTORY, ALL LIVE AMMUNITION SHOULD BE REMOVED.

If live ammunition is included in package, shipment cannot be made by Insured Mail. All other shipments may be made by Insured Mail, Please send repairs direct to:

REMINGTON ARMS COMPANY, INC.
ARMS SERVICE DIVISION
Ilion, New York 13357

For instructions on how to dress, ship and deliciously cook wild game, send for the Remington "Wild Game" Cookbook $3.95—Remington Sportsmen's Library, P.O. Box 432, Bridgeport, Connecticut 06601.

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